



# HP Pavilion 17-f004dx Keyboard Replacement

This guide will show you how to replace your device's keyboard.

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## INTRODUCTION

Please note that laptop keyboard removal is not an easy process and will take time and patience, particularly when reinstalling your new keyboard.

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### TOOLS:

- [Metal Spudger](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
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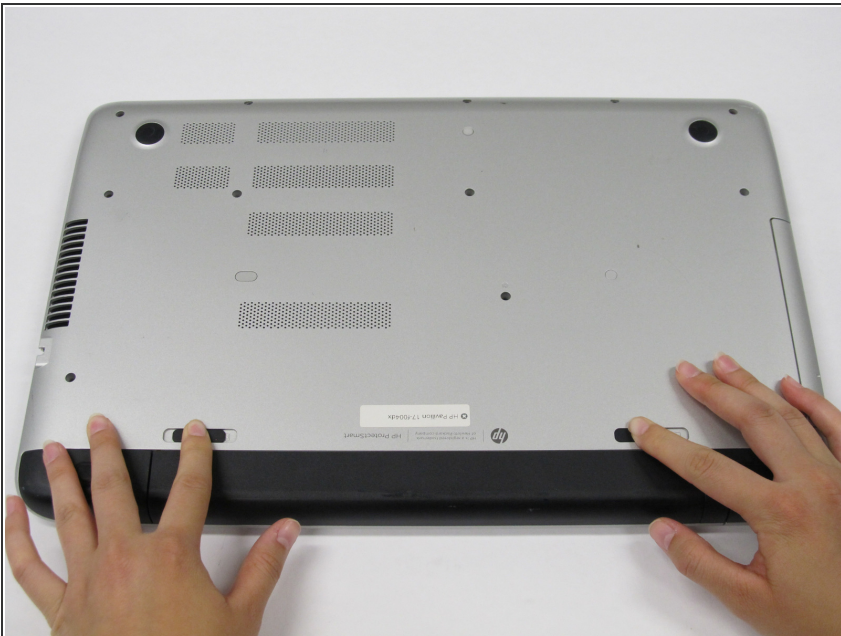
## Step 1 — Battery



 Before you remove the battery, make sure the laptop is powered off.

- Rotate the laptop so the back panel is facing up.

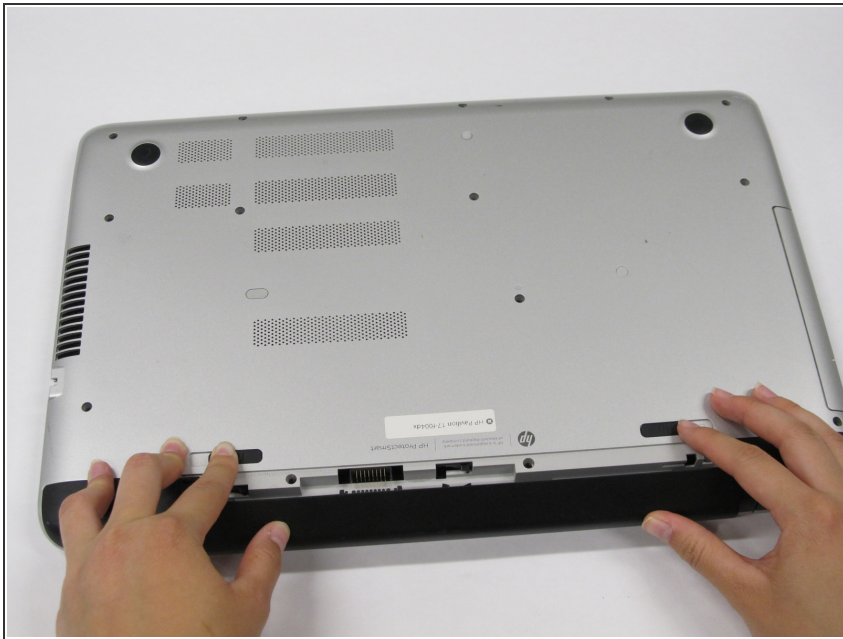
## Step 2



- Slide the black battery latches inward to remove the battery.



## Step 3



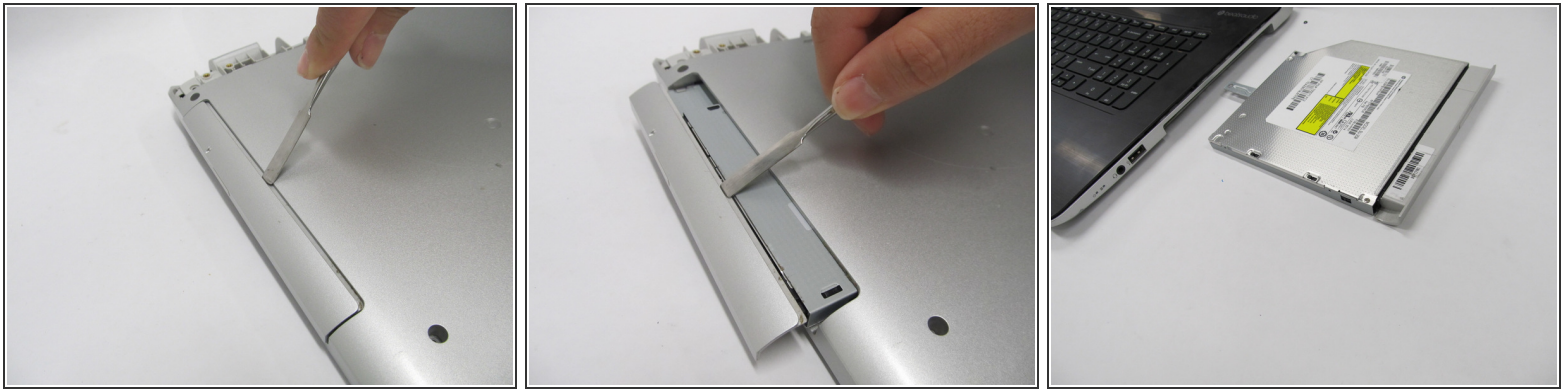
- Pull the battery out towards you while your fingers are still holding the latches in place.

## Step 4 — CD Drive



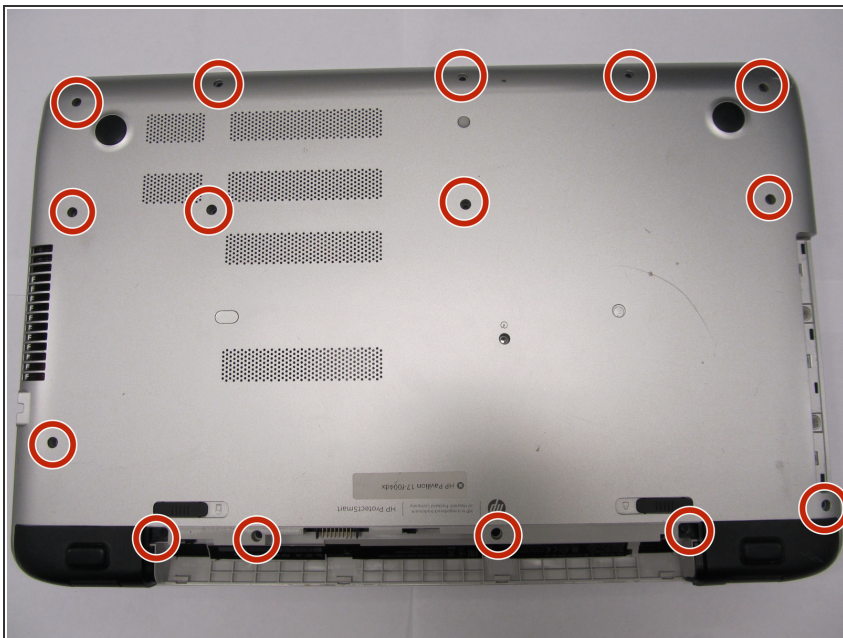
- Remove one 7 mm screw with a Phillips 1 screwdriver.

## Step 5



- Use a metal spudger to push the CD drive out of its slot for removal.

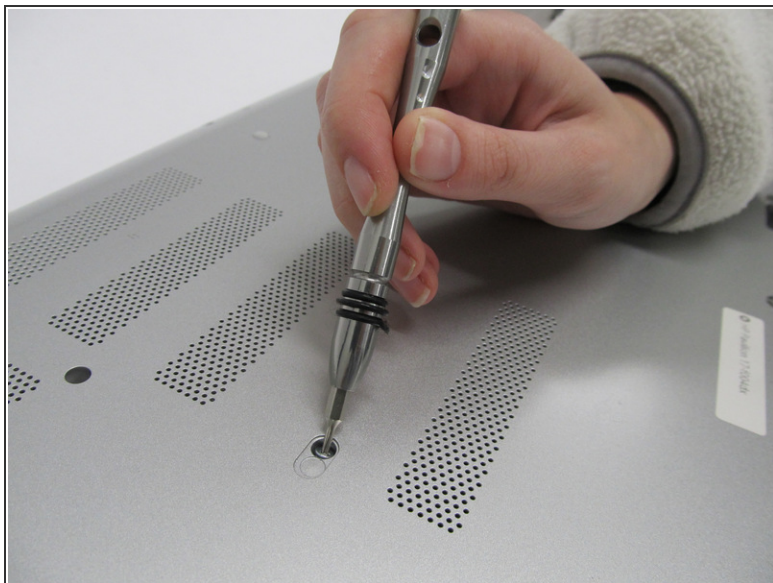
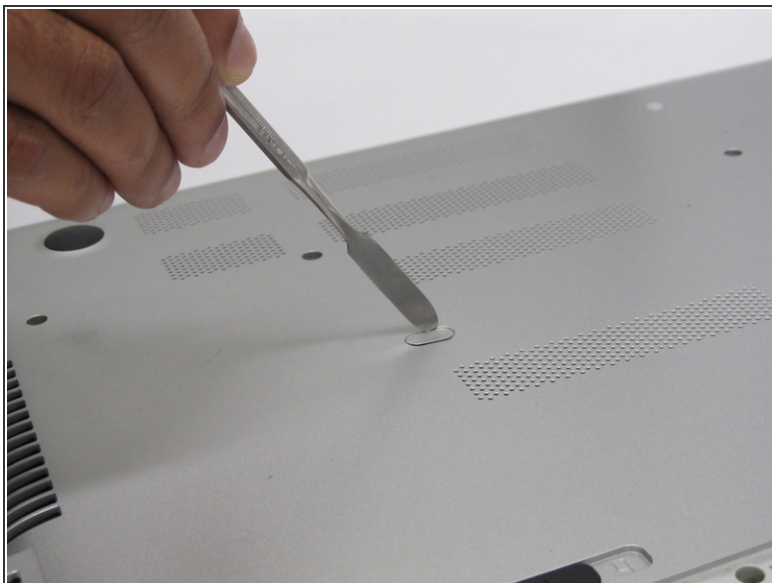
## Step 6 — Front Panel



- Remove fifteen 7 mm screws with a Philips 1 screwdriver.



## Step 7



- Remove the thin plastic cover using the flat metal spudger to expose another screw.
- Remove one 7 mm screw with a Phillips 0 screwdriver.

## Step 8



- Use a metal spudger to remove the rubber "feet" to expose two screws.

## Step 9



- Underneath each rubber foot, there is a screw.
- Use the Phillips 1 screwdriver to remove a 4.8 mm screw on each side.

## Step 10



- Remove the two black end caps to expose more screws.
- ⓘ The end caps will require some force to remove.



## Step 11



- Remove the following six screws with a Phillips 1 screwdriver:
  - Two 7 mm screws.
  - Two 7 mm screws.
  - Two 4.8 mm screws.

## Step 12



- Remove two 2.4 mm broadhead screws from the CD Drive bay with a Phillips 0 screwdriver,



## Step 13



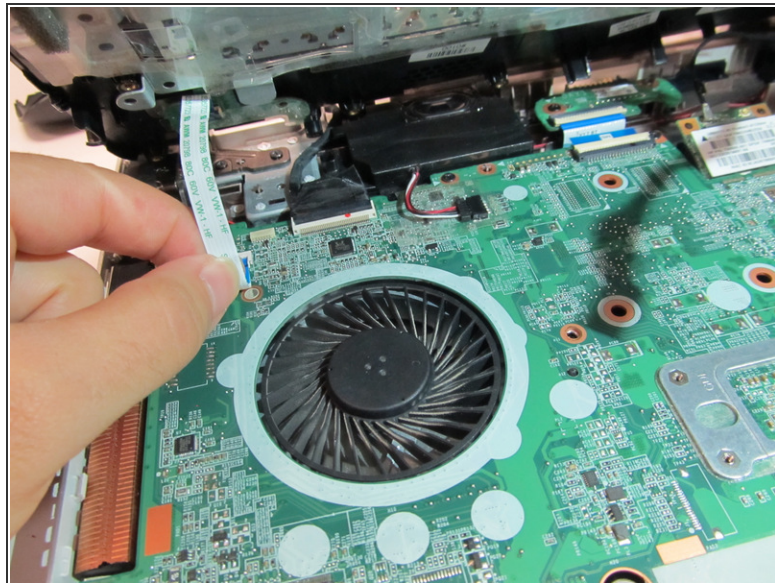
- Flip the laptop back over. Then, with the laptop open, move the plastic prying tool around the top cover to pry it from the enclosure.

## Step 14



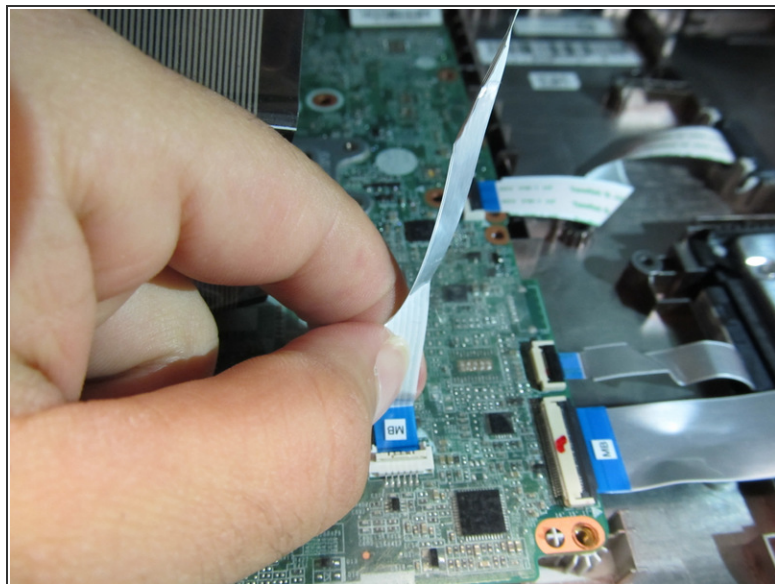
- Partially lift the top cover from the enclosure.

## Step 15



- Remove the ribbon connecting the power button to the motherboard.

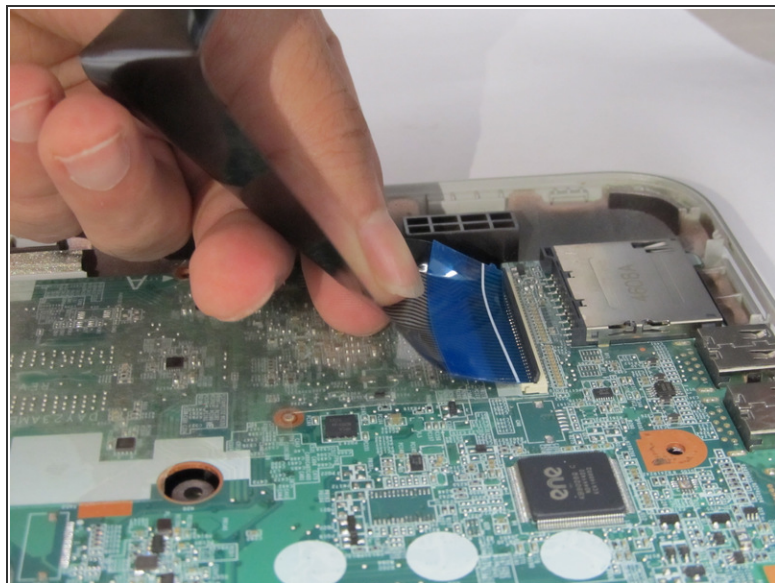
## Step 16



- Remove the ribbon connecting the mousepad to the motherboard.

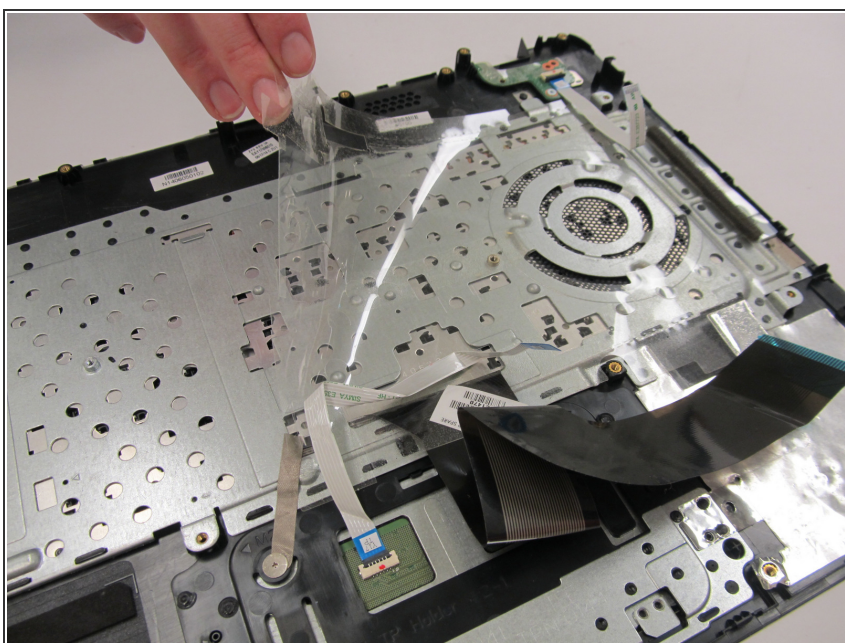


## Step 17



- Remove the ribbon connecting the keyboard to the motherboard.
- You may now fully lift the front panel from the rest of the laptop.

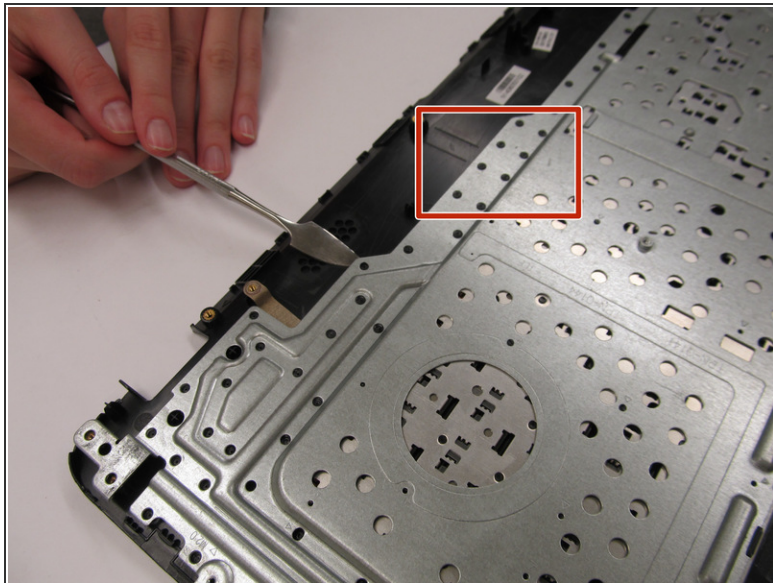
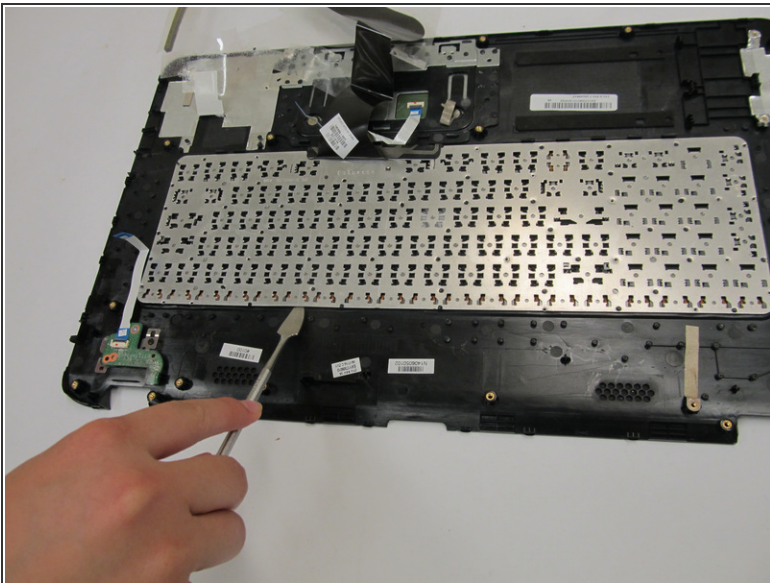
## Step 18 — Keyboard



- Turn the front panel over and partially remove the clear plastic covering the keyboard casing.



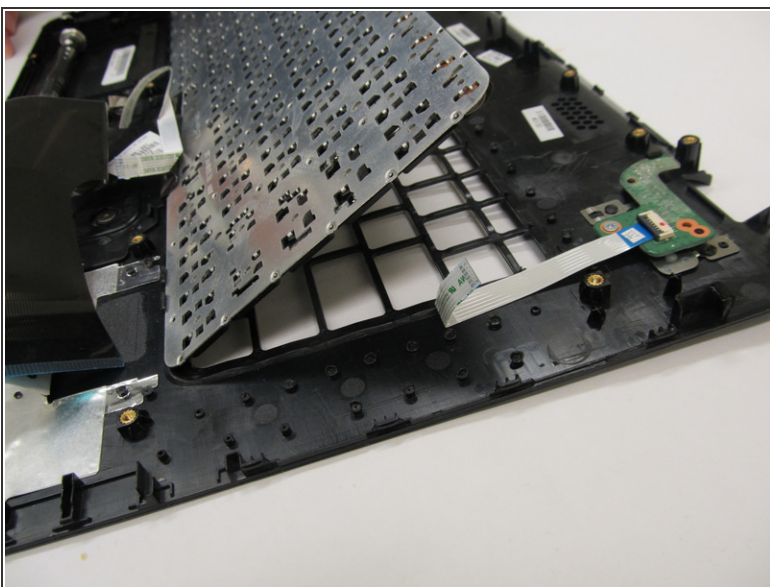
## Step 19



⚠ Plastic debris may scatter while lifting the metal housing. These pieces are indicated in red.

- Use a metal spudger to remove the metal housing from the front panel.

## Step 20



- Lift the metal housing from the front panel to separate the keyboard from the top panel.

To reassemble your device, follow these instructions in reverse order.

